

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A computer-implemented method comprising:
performing context-based processing of information items utilizing context items
to produce context-processed information items, the context-based
processing comprises one or more of context filtering and context
prioritizing;
implementing logic rules in connection with relevance and importance matrices
associated with the information items to further perform the context-based
processing; and
dynamically adapting user services relating to the context-based processing to
changing circumstances relating to the information items, wherein the
information items are obtained from one or more of user-specific sources
and non-user-specific sources.
2. (Previously Presented) The method of claim 1, further comprising:
evaluating a utility function, producing an iteration evaluation based on the utility
function; and
based on the iteration evaluation, doing one of repeating the context-based
processing and not repeating the context-based processing.
3. (Previously Presented) The method of claim 1, wherein the information items
comprise heterogeneous information items.
4. (Previously Presented) The method of claim 1, further comprising receiving at
least one information item of the information items from a user input.

5. (Previously Presented) The method of claim 1, wherein the context-based processing further comprises context processing at a first device wherein at least one information item is received from a second device.
6. (Previously Presented) The method of claim 1, further comprising presenting at least one context-processed information item to a user.
7. (Previously Presented) The method of claim 6, wherein when processing comprises context prioritizing, presenting further comprises presenting in prioritized order.
8. (Previously Presented) The method of claim 1, further comprises transferring a context-processed information item from a first device to a second device.
9. (Previously Presented) The method of claim 1, wherein transferring further comprises intra-device transferring.
10. (Previously Presented) The method of claim 1, wherein, when processing comprises context prioritizing, transferring further comprises transferring in prioritized order.
11. (Previously Presented) The method of claim 1, wherein the context items comprise one or more of user context, computer context, and communication network context.
12. (Previously Presented) The method of claim 11, wherein the user context comprises one or more of user identity, activity, activity start time, activity duration, activity location, user task, user location, and a list of devices accessible by a user.

13. (Previously Presented) The method of claim 11, wherein the computer context comprises one or more of hardware attributes, software attributes, operating system profile attributes, power reserves, power consumption rate, amount of available memory, amount of available storage, user interfaces, costs, usage policies, and security and enforcement information.
14. (Previously Presented) The method of claim 11, wherein the communication network context comprises one or more of network profile attributes, network security, network stability, data transfer rate, connection quality, transfer latency, error rate, network load, signal strength, cost, quality of service, usage policies, and network protocols.
15. (Currently Amended) An article of manufacture comprising a machine-readable medium having ~~stored thereon~~ instructions ~~which~~ which, when executed, cause a machine to:

perform context-based processing of information items utilizing context items to produce context-processed information items, the context-based processing comprises one or more of context filtering and context prioritizing;

implement logic rules in connection with relevance and importance matrices associated with the information items to further perform the context-based processing; and

dynamically adapt user services relating to the context-based processing to changing circumstances relating to the information items, wherein the information items are obtained from one or more of user-specific sources and non-user-specific sources.

16. (Previously Presented) The article of manufacture of claim 15, wherein the instructions when further executed, cause the machine to:
 - evaluate a utility function, producing an iteration evaluation based on the utility function; and
 - based on the iteration evaluation, do one of repeating the context-based processing and not repeating the context-based processing.
17. (Previously Presented) The article of manufacture of claim 15, wherein the information items comprise heterogeneous information items.
18. (Previously Presented) The article of manufacture of claim 15, wherein the instructions when further executed, cause the machine to receive at least one information item of the information items from a user input.
19. (Previously Presented) The article of manufacture of claim 15, wherein the context-based processing further comprises context processing at a first device wherein at least one information item is received from a second device.
20. (Previously Presented) The article of manufacture of claim 15, wherein the instructions when further executed, cause the machine to present at least one context-processed information item to a user.
21. (Previously Presented) The article of manufacture of claim 20, wherein when processing comprises context prioritizing, the further comprises presenting in prioritized order.
22. (Previously Presented) The article of manufacture of claim 15, wherein the instructions when further executed, cause the machine to transfer from a first device to a second device.

23. (Previously Presented) The article of manufacture of claim 15, wherein transferring further comprises intra-device transferring.
24. (Previously Presented) The article of manufacture of claim 15, wherein when processing comprises context prioritizing, transferring further comprises transferring in prioritized order.
25. (Previously Presented) The article of manufacture of claim 15, wherein the context items comprise one or more of user context, computer context, and communication network context.
26. (Previously Presented) The article of manufacture of claim 15, wherein the user context comprises one or more of user identity, activity, activity start time, activity duration, activity location, user task, user location, and a list of devices accessible by a user.
27. (Previously Presented) The article of manufacture of claim 25, wherein the computer context comprises one or more of hardware attributes, software attributes, operating system profile attributes, power reserves, power consumption rate, amount of available memory, amount of available storage, user interfaces, costs, usage policies, and security and enforcement information.
28. (Previously Presented) The article of manufacture of claim 25, wherein the communication network context comprises one or more of network profile attributes, network security, network stability, data transfer rate, connection quality, transfer latency, error rate, network load, signal strength, cost, quality of service, usage policies, and network protocols.

29. (Currently Amended) A system comprising:

 a server; and

 a client coupled to the server, the client having a processor and a memory storage device coupled to the processor, the processor to

 perform context-based processing of information items utilizing a set of context items to produce context-processed information items, the context-based processing comprises one or more of context filtering and context prioritizing,

 implement logic rules in connection with relevance and importance matrices associated with the information items to further perform the context-based processing, and

 dynamically adapt user services relating to the context-based processing to changing circumstances relating to the information items, wherein the information items are obtained from one or more of user-specific sources and non-user-specific sources.

30. (Previously Presented) The system of claim 29, wherein the unit further evaluates a utility function and produces an iteration evaluation based on the utility function, and based on the iteration evaluation, does one of repeating the context-based processing and not repeating the context-based processing.

31. (Previously Presented) The system of claim 29, wherein the information items comprise heterogeneous information items.

32. (Previously Presented) The system of claim 29, further including a second unit to receive at least one information item of the information items from a user input.

33. (Original) The system of claim 29, wherein the second unit receives at least one information item from a second device.
34. (Previously Presented) The system of claim 29, further including a third unit to present at least one context-processed information item to a user.
35. (Original) The system of claim 34, wherein when processing comprises context prioritizing, presenting further comprises presenting in prioritized order.
36. (Previously Presented) The system of claim 29, further including a fourth unit to transfer a context-processed information item to a second device.
37. (Previously Presented) The system of claim 29, further including a fourth unit to transfer a context-processed information item within the system.
38. (Previously Presented) The system of claim 29, wherein the context items comprise one or more of user context, computer context, and communication network context.
39. (Previously Presented) The system of claim 38, wherein the user context comprises one or more of user identity, activity, activity start time, activity duration, activity location, user task, user location, and a list of devices accessible by a user.
40. (Previously Presented) The system of claim 38, wherein the computer context comprises one or more of hardware attributes, software attributes, operating system profile attributes, power reserves, power consumption rate, amount of available memory, amount of available storage, user interfaces, costs, usage policies, and security and enforcement information.

41. (Previously Presented) The system of claim 38, wherein the communication network context comprises one or more of network profile attributes, network security, network stability, data transfer rate, connection quality, transfer latency, error rate, network load, signal strength, cost, quality of service, usage policies, and network protocols.